RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _11/055,587 A_

Source: _IFWO_

Date Processed by STIC: _10/31/2005_

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RAW SEQUENCE LISTING   DATE: 10/31/2005
PATENT APPLICATION: US/11/055,587A   TIME: 15:01:10

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\10312005\K055587A.raw

```
 3 <110> APPLICANT: Yoshimura, Teizo
 4         Robinson, Elizabeth A.
 5         Appella, Ettore
 6         Leonard, Edward J.
 8 <120> TITLE OF INVENTION: HUMAN DERIVED MONOCYTE ATTRACTING PURIFIED PROTEIN PRODUCT USEFUL
 9         IN A METHOD OF TREATING INFECTION AND NEOPLASMS IN A HUMAN BODY,
10         AND THE CLONING OF FULL LENGTH CDNA THEREOF
12 <130> FILE REFERENCE: 11613.12USD3
14 <140> CURRENT APPLICATION NUMBER: US 11/055,587A
15 <141> CURRENT FILING DATE: 2005-02-08
17 <150> PRIOR APPLICATION NUMBER: US 07/330,446
18 <151> PRIOR FILING DATE: 1989-03-30
20 <150> PRIOR APPLICATION NUMBER: US 07/304,234
21 <151> PRIOR FILING DATE: 1989-01-31
23 <160> NUMBER OF SEQ ID NOS: 13
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 76
29 <212> TYPE: PRT
30 <213> ORGANISM: Homo sapiens
33 <220> FEATURE:
34 <221> NAME/KEY: MISC_FEATURE
35 <222> LOCATION: (1)..(1)
36 <223> OTHER INFORMATION: Xaa is pyroglutamic acid
38 <400> SEQUENCE: 1
```
-> 40 Xaa Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe Thr
```
41 1               5                   10                  15
44 Asn Arg Lys Ile Ser Val Gln Arg Leu Ala Ser Tyr Arg Arg Ile Thr
45             20                  25                  30
48 Ser Ser Lys Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Ile Val Ala
49         35                  40                  45
52 Lys Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln Asp Ser Met
53     50                  55                  60
56 Asp His Leu Asp Lys Gln Thr Gln Thr Pro Lys Thr
57 65                  70                  75
60 <210> SEQ ID NO: 2
61 <211> LENGTH: 228
62 <212> TYPE: DNA
63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 2
66 cagccagatg caatcaatgc cccagtcacc tgctgttata acttcaccaa taggaagatc      60
68 tcagtgcaga ggctcgcgag ctatagaaga atcaccagca gcaagtgtcc caaagaagct     120
70 gtgatcttca agaccattgt ggccaaggag atctgtgctg accccaagca gaagtgggtt     180
```

```
 72 caggattcca tggaccacct ggacaagcaa acccaaactc cgaagact              228
 75 <210> SEQ ID NO: 3
 76 <211> LENGTH: 76
 77 <212> TYPE: PRT
 78 <213> ORGANISM: Homo sapiens
 80 <400> SEQUENCE: 3
 82 Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe Thr
 83 1               5                   10                  15
 86 Asn Arg Lys Ile Ser Val Gln Arg Leu Ala Ser Tyr Arg Arg Ile Thr
 87             20                  25                  30
 90 Ser Ser Lys Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Ile Val Ala
 91         35                  40                  45
 94 Lys Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln Asp Ser Met
 95      50                  55                  60
 98 Asp His Leu Asp Lys Gln Thr Gln Thr Pro Lys Thr
 99 65                  70                  75
102 <210> SEQ ID NO: 4
103 <211> LENGTH: 9
104 <212> TYPE: PRT
105 <213> ORGANISM: Homo sapiens    •
107 <400> SEQUENCE: 4
109 Met Asp His Leu Asp Lys Gln Thr Gln
110 1               5
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 29
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Probe
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: (6)..(6)
125 <223> OTHER INFORMATION: n is inosine
127 <400> SEQUENCE: 5
128 gtctgngtct gcttatccaa atgatccat                                    29
131 <210> SEQ ID NO: 6
132 <211> LENGTH: 29
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Probe
139 <400> SEQUENCE: 6
140 gtttgcgttt gtttgtctaa gtggtccat                                    29
143 <210> SEQ ID NO: 7
144 <211> LENGTH: 29
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Probe
```

-> 128 at line 128

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```
152 <220> FEATURE:
153 <221> NAME/KEY: misc_feature
154 <222> LOCATION: (6)..(6)
155 <223> OTHER INFORMATION: n is inosine
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (18)..(18)
160 <223> OTHER INFORMATION: n is inosine
162 <400> SEQUENCE: 7
```
-> 163 **gtctgngtct gcttatcnag atgatccat**   29
```
166 <210> SEQ ID NO: 8
167 <211> LENGTH: 29
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Probe
174 <400> SEQUENCE: 8
175 gtttgcgttt gtttgtccag gtggtccat                                 29
178 <210> SEQ ID NO: 9
179 <211> LENGTH: 739
180 <212> TYPE: DNA
181 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 9
184 ctaacccaga aacatccaat tctcaaactg aagctcgcac tctcgcctcc agcatgaaag    60
186 tctctgccgc ccttctgtgc ctgctgctca tagcagccac cttcattccc caagggctcg   120
188 ctcagccaga tgcaatcaat gccccagtca cctgctgtta taacttcacc aataggaaga   180
190 tctcagtgca gaggctcgcg agctatagaa gaatcaccag cagcaagtgt cccaaagaag   240
192 ctgtgatctt caagaccatt gtggccaagg agatctgtgc tgaccccaag cagaagtggg    300
194 ttcaggattc catggaccac ctggacaagc aaacccaaac tccgaagact tgaacactca   360
196 ctccacaacc caagaatctg cagctaactt attttcccct agctttcccc agacaccctg   420
198 ttttatttta ttataatgaa ttttgtttgt tgatgtgaaa cattatgcct taagtaatgt   480
200 taattcttat ttaagttatt gatgttttaa gtttatcttt catggtacta gtgttttta    540
202 gatacagaga cttggggaaa ttgcttttcc tcttgaacca cagttctacc cctgggatgt    600
204 tttgagggtc tttgcaagaa tcattaatac aaagaatttt ttttaacatt ccaatgcatt   660
206 gctaaaatat tattgtggaa atgaatattt tgtaactatt acaccaaata aatatatttt   720
208 tgtacaaaaa aaaaaaaaa                                               739
211 <210> SEQ ID NO: 10
212 <211> LENGTH: 99
213 <212> TYPE: PRT
214 <213> ORGANISM: Homo sapiens
216 <400> SEQUENCE: 10
218 Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Ile Ala Ala Thr
219  1               5                  10                  15
222 Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val
223             20                  25                  30
226 Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
227             35                  40                  45
230 Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
231         50                  55                  60
```

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          Input Set : A:\Sequence Listing.txt
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234 Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
235 65   70   75   80
238 Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr
239   85   90   95
242 Pro Lys Thr
246 <210> SEQ ID NO: 11
247 <211> LENGTH: 4
248 <212> TYPE: PRT
249 <213> ORGANISM: Human MCP-1 peptide
251 <400> SEQUENCE: 11
253 Arg Lys Ile Ser
254 1
257 <210> SEQ ID NO: 12
258 <211> LENGTH: 9
259 <212> TYPE: DNA
260 <213> ORGANISM: Human MCP-1 oligonucleotide
262 <400> SEQUENCE: 12
263 ccagcatga   9
266 <210> SEQ ID NO: 13
267 <211> LENGTH: 8
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Oligonucleotide in the 3' untranslated region
274 <400> SEQUENCE: 13
275 ttatttat   8

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/31/2005
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Input Set : **A:\Sequence Listing.txt**
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ᴇase Note:
ᴇ of n and/or Xaa have been detected in the Sequence Listing. Please review the
Ɡuence Listing to ensure that a corresponding explanation is presented in the <220>
<223> fields of each sequence which presents at least one n or Xaa.

Ꞧ#:1; Xaa Pos. 1
Ꞧ#:5; N Pos. 6
Ꞧ#:7; N Pos. 6,18

VERIFICATION SUMMARY   DATE: 10/31/2005
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Input Set : **A:\Sequence Listing.txt**
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```
10 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
```